Nuclear Engineering and Design 107 (1988) 359–360
North-Holland, Amsterdam

AUTHOR INDEX TO VOLUME 107

Adachi, H., see Ohnuki 107 (1988) 283
Amar, R.C., see Dhir 107 (1988) 307
Amar, R.C., see Dhir 107 (1988) 315
Amin, M and P.Y. Wang, Sampling procedures for reinspection of components 107 (1988) 243
Anderson, N.R., Seismic unresolved safety issues 107 (1988) 83
Anderson, P.H., see Cloud 107 (1988) 205
Angstadt, C., see Chen 107 (1988) 127
Axford, R.A., see Kar 107 (1988) 253

Bernero, R.M., A.J.H. Lee and P.A. Sobel, High frequency, high amplitude and low energy earthquake study of nuclear power plants 107 (1988) 141
Burns, Jr., J.J., see Kenneally 107 (1988) 95

Campbell, R.D., see Kennedy 107 (1988) 61
Campbell, R.D., B.F. Henely, R.P. Kennedy and R.P. Kassawara, Walkdown criteria for evaluating seismic margin in nuclear power plants 107 (1988) 83
Chen, C, C. Angstadt and M. Hayner, Studies of equipment response to low energy, low velocity, high amplitude and high frequency seismic events 107 (1988) 127
Cloud, R.L., P.H. Anderson and J.S.M. Leung, Seismic stops vs. snubbers, a reliable alternative 107 (1988) 205
Czarnecki, R.M. and G.E. Sliter, Development of seismic anchorage guidelines for nuclear power plant equipment 107 (1988) 27

Dhir, V.K., R.C. Amar and J.C. Mills, A one dimensional model for the prediction of stratification in horizontal pipes subjected to fluid temperature transient at inlet – Part I. Hydrodynamic model 107 (1988) 307
Dhir, V.K., V.X. Tung, R.C. Amar and J.C. Mills, A one dimensional model for the prediction of stratification in horizontal pipes subjected to fluid temperature transient at inlet – Part II. Thermal model 107 (1988) 315

Eder, S.J. and P.I. Yanev, Evaluation of cable tray and conduit systems using the seismic experience data base 107 (1988) 149
Ellison, P.G., see Epstein 107 (1988) 327
Epstein, M. and P.G. Ellison, Correlations of the rate of removal of coagulating and depositing aerosols for application to nuclear reactor safety problems 107 (1988) 327

Gupta, A.K., Preface to the Topical Issue on Current Issues Related to Nuclear Power Plant Structures, Equipment and Piping 107 (1988) 1
Guzy, D.J. and J.E. Richardson, Seismic margins issues 107 (1988) 77
Guzy, D.J., Piping design criteria and research – Current NRC activities in dynamic design 107 (1988) 161

Hardy, G.S., P.D. Smith and Y.K. Tang, Piping seismic adequacy criteria recommendations based on performance during earthquakes 107 (1988) 155
Hayner, M., see Chen 107 (1988) 127
Henley, B.F., see Campbell 107 (1988) 83

Jaquay, K.R., J.E. Larson and H.T. Tang, A simplified method for inelastic piping system seismic response prediction 107 (1988) 169
Jones, G.B., see Reedy 107 (1988) 227
Johnson, B.A., see Keowen 107 (1988) 215

Kajanto, P., see Tuomisto 107 (1988) 295
Kar, A. and R.A. Axford, Analytic study of conduction and convective heat transfer in finite tube bundles 107 (1988) 253
Kassawara, R.P., see Schmidt 107 (1988) 43
Kassawara, R.P., see Kennedy 107 (1988) 61
Kassawara, R.P., see Campbell 107 (1988) 83
Kenneally, R.M. and J.J. Burns, Jr., Experimental investigation into the seismic behavior of nuclear power plant shear wall structures 107 (1988) 95
Kennedy, R.P., R.D. Campbell and R.P. Kassawara, A seismic margin assessment procedure 107 (1988) 61
Kennedy, R.P., see Campbell 107 (1988) 83
Keowen, R.S., B.A. Johnson and K.L. Merz, Differences in dynamic response of typical Class II piping due to restraint method and input amplitude 107 (1988) 215

Larson, J.E., see Jaquay 107 (1988) 169
Lee, A.J.H, see Bernero 107 (1988) 141
Leung, J.S.M., see Cloud 107 (1988) 205
Loziuk, L.A., A wire rope seismic support 107 (1988) 201

Merz, K.L., Existing seismic test data and its use 107 (1988) 13
Kerz, K.L, see Keowen 107 (1988) 215
Mills, J.C., see Dhir 107 (1988) 307
Mills, J.C., see Dhir 107 (1988) 315
Morcos, A. and H.S. Taylor, Quality assurance considerations for nuclear plant modifications 107 (1988) 235
Murao, Y., see Ohnuki 107 (1988) 283

Ohnuki, A., H. Adachi and Y. Murao, Scale effects on countercurrent case–liquid flow in a horizontal tube connected to an inclined riser 107 (1988) 283
Olson, D.E. and Y.K. Tang, Decreasing snubber inservice inspection costs through snubber reduction and improved test limits 107 (1988) 183

Ravindra, M.K., Seismic probabilistic risk assessment and its impact on margin studies 107 (1988) 51
Reedy, R.F. and G.B. Jones, The engineer's role in the assurance of quality 107 (1988) 227
Richardson, J.E., see Guzy 107 (1988) 77

Schmidt, W.R. and R.P. Kassawara, Seismic functionality or essential relays in operating nuclear plants 107 (1988) 43
Sliter, G.E., see Czarnecki 107 (1988) 27
Smith, P.D., see Hardy 107 (1988) 155
Sobel, P.A., see Bernero 107 (1988) 141

Tang, H.T., see Jaquay 107 (1988) 169
Tang, Y.K., see Hardy 107 (1988) 155
Tang, Y.K., see Olson 107 (1988) 183
Taylor, H.S., see Morcos 107 (1988) 235
Tung, V.X., see Dhir 107 (1988) 315
Tuomisto, H. and P. Kajanto, Two-phase flow in a full-scale loop seal facility 107 (1988) 295

Wang, P.Y., see Amin 107 (1988) 243
Wong, C.C., Influence of natural convection and diluent inerting on H_2 and CO oxidation in the reactor cavity 107 (1988) 271
Whorton, R.B., High frequency, high amplitude and low energy earthquake study at V.C. Summer Nuclear Station 107 (1988) 109

Yanev, P.I., see Eder 107 (1988) 149

Zahoor, A., Allowable minimum upper shelf toughness for nuclear reactor pressure vessels 107 (1988) 345

Nuclear Engineering and Design 107 (1988) 361–362
North-Holland, Amsterdam

SUBJECT INDEX TO VOLUME 107

Thermal and fluid design

Influence of natural convection and diluent inerting on H_2 and CO oxidation in the reactor cavity, C.C.Wong 107 (1988) 271
Scale effects on countercurrent gas–liquid flow in a horizontal tube connected to an inclined riser, A. Ohnuki, H. Adachi and Y. Murao 107 (1988) 283
Two-phase flow in a full-scale loop seal facility, H. Tuomisto and P. Kajanto 107 (1988) 295
A one dimensional model for the prediction of stratification in horizontal pipes subjected to fluid temperature transient at inlet – Part I. Hydrodynamic model, V.K. Dhir, R.C. Amar and J.C. Mills 107 (1988) 307
A one dimensional model for the prediction of stratification in horizontal pipes subjected to fluid temperature transient at inlet – Part II. Thermal model, V.K. Dhir, V.X. Tung, R.C. Amar and J.C. Mills 107 (1988) 315
Correlations of the rate of removal of coagulating and depositing aerosols for application to nuclear reactor safety problems, M. Epstein and P.G. Ellison 107 (1988) 327

Heat conduction and transfer

Analytic study of conduction and convective heat transfer in finite tube bundles, A. Kar and R.A. Axford 107 (1988) 253

Materials properties

Allowable minimum upper shelf toughness for nuclear reactor pressure vessels, A. Zahoor 107 (1988) 345

Mechanical design, component fabrication and testing

Allowable minimum upper shelf toughness for nuclear reactor pressure vessels, A. Zahoor 107 (1988) 345

Structural design, construction methods and testing

Preface to the Topical Issue on Current Issues Related to Nuclear Power Plant Structures, Equipment and Piping, A.K. Gupta 107 (1988) 1
Seismic unresolved safety issues, N.R. Anderson 107 (1988) 3
Existing seismic test data and its use, K.L. Merz 107 (1988) 13
Development of seismic anchorage guidelines for nuclear power plant equipment, R.M. Czarnecki and G.E. Sliter 107 (1988) 27
Seismic functionality of essential relays in operating nuclear plants, W.R. Schmidt and R.P. Kassawara 107 (1988) 43
Seismic probabilistic risk assessment and its impact on margin studies, M.K. Ravindra 107 (1988) 51
A seismic margin assessment procedure, R.P. Kennedy, R.D. Campbell and R.P. Kassawara 107 (1988) 61
Seismic margins issues, D.J. Guzy and J. E. Richardson 107 (1988) 77
Walkdown criteria for evaluating seismic margin in nuclear power plants, R.D. Campbell, B.F. Henley, R.P. Kennedy and R.P. Kassawara 107 (1988) 83
Experimental investigation into the seismic behavior of nuclear power plant shear wall structures, R.M. Kenneally and J.J. Burns, Jr. 107 (1988) 95
High frequency, high amplitude and low energy earthquake study at V.C. Summer Nuclear Station, R.B. Whorton 107 (1988) 109
Studies of equipment response to low energy, low velocity, high amplitude and high frequency seismic events, C. Chen, C. Angstadt and M. Hayner 107 (1988) 127
High frequency, high amplitude and low energy earthquake study of nuclear power plants, R.M. Bernero, A.J.H. Lee and P.A. Sobel 107 (1988) 141
Evaluation of cable tray and conduit systems using the seismic experience data base, S.J. Eder and P.I. Yanev 107 (1988) 149
Piping seismic adequacy criteria recommendations based on performance during earthquakes, G.S. Hardy, P.D. Smith and Y.K. Tang 107 (1988) 155
Piping design criteria and research – Current NRC activities in dynamic design, D. Guzy 107 (1988) 161
A simplified method for inelastic piping system seismic response prediction, K.R. Jaquay, J.E. Larson and H.T. Tang 107 (1988) 169

Decreasing snubber inservice inspection costs through snubber reduction and improved test limits, D.E. Olson and Y.K. Tang 107 (1988) 183
A wire rope seismic support, L.A. Loziuk 107 (1988) 201
Seismic stops vs. snubbers, a reliable alternative, R.L. Cloud, P.H. Anderson and J.S.M. Leung 107 (1988) 205
Differences in dynamic response of typical Class II piping due to restraint method and input amplitude, R.S. Keowen, B.A. Johnson and K.L. Merz 107 (1988) 215
The engineer's role in the assurance of quality, R.F. Reedy and G.B. Jones 107 (1988) 227
Quality assurance considerations for nuclear plant modifications, A. Morcos and H.S. Taylor 107 (1988) 235
Sampling procedures for reinspection of components, M. Amin and P.Y. Wang 107 (1988) 243

Nuclear safety

Preface to the Topical Issue on Current Issues Related to Nuclear Power Plant Structures, Equipment and Piping, A.K. Gupta 107 (1988) 1
Seismic unresolved safety issues, N.R. Anderson 107 (1988) 3
Existing seismic test data and its use, K.L. Merz 107 (1988) 13
Development of seismic anchorage guidelines for nuclear power plant equipment, R.M. Czarnecki and G.E. Sliter 107 (1988) 27
Seismic functionality of essential relays in operating nuclear plants, W.R. Schmidt and R.P. Kassawara 107 (1988) 43
Seismic probabilistic risk assessment and its impact on margin studies, M.K. Ravindra 107 (1988) 51
A seismic margin assessment procedure, R.P. Kennedy, R.D. Campbell and R.P. Kassawara 107 (1988) 61
Seismic margins issues, D.J. Guzy and J.E. Richardson 107 (1988) 77
Walkdown criteria for evaluating seismic margin in nuclear power plants, R.D. Campbell, B.F. Henley, R.P. Kennedy and R.P. Kassawara 107 (1988) 83
Experimental investigation into the seismic behavior of nuclear power plant shear wall structures, R.M. Kenneally and J.J. Burns, Jr. 107 (1988) 95
High frequency, high amplitude and low energy earthquake study at V.C. Summer Nuclear Station, R.B. Whorton 107 (1988) 109
High frequency, high amplitude and low energy earthquake study of nuclear power plants, R.M. Bernero, A.J.H. Lee and P.A. Sobel 107 (1988) 141
Evaluation of cable tray and conduit systems using the seismic experience data base, S.J. Eder and P.I. Yanev 107 (1988) 149
Piping seismic adequacy criteria recommendations based on performance during earthquakes, G.S. Hardy, P.D. Smith and Y.K. Tang 107 (1988) 155
Piping design criteria and research – Current NRC activities in dynamic design, D. Guzy 107 (1988) 161
A simplified method for inelastic piping system seismic response prediction, K.R. Jaquay, J.E. Larson and H.T. Tang 107 (1988) 169
Decreasing snubber inservice inspection costs through snubber reduction and improved test limits, D.E. Olson and Y.K. Tang 107 (1988) 183
A wire rope seismic support, L.A. Loziuk 107 (1988) 201
Seismic stops vs. snubbers, a reliable alternative, R.L. Cloud, P.H. Anderson and J.S.M. Leung 107 (1988) 205
Differences in dynamic response of typical Class II piping due to restraint method and input amplitude, R.S. Keowen, B.A. Johnson and K.L. Merz 107 (1988) 215
The engineer's role in the assurance of quality, R.F. Reedy and G.B. Jones 107 (1988) 227
Quality assurance considerations for nuclear plant modifications, A. Morcos and H.S. Taylor 107 (1988) 235
Sampling procedures for reinspection of components, M. Amin and P.Y. Wang 107 (1988) 243
Influence of natural convection and diluent inerting on H_2 and CO oxidation in the reactor cavity, C.C. Wong 107 (1988) 271
Scale effects on countercurrent gas–liquid flow in a horizontal tube connected to an inclined riser, A. Ohnuki, H. Adachi and Y. Murao 107 (1988) 283
Two-phase flow in a full-scale loop seal facility, H. Tuomisto and P. Kajanto 107 (1988) 295
A one dimensional model for the prediction of stratification in horizontal pipes subjected to fluid temperature transient at inlet – Part I. Hydrodynamic model, V.K. Dhir, R.C. Amar and J.C. Mills 107 (1988) 307
A one dimensional model for the prediction of stratification in horizontal pipes subjected to fluid temperature transient at inlet – Part II. Thermal model, V.K. Dhir, V.X. Tung, R.C. Amar and J.C. Mills 107 (1988) 315
Correlations of the rate of removal of coagulating and depositing aerosols for application to nuclear reactor safety problems, M. Epstein and P.G. Ellison 107 (1988) 327